

1.1.3. Calculate Area of the Square 08:21

Write a Python program that prompts the user to enter the *side\_length* of a square and computes the area of the square.

Formula:

- Area =  $\text{side\_length}^2$

Input Format:

- The input is a positive integer value that represents the *side\_length* of the square.

Output Format:

- The output is a positive integer value that represents the area of the square.

Sample Test Cases +

AreaSqua... Submit

1 length = int(input())  
2 area = length \* length  
3 print(area)  
4  
5  
6  
7  
8

Terminal Test cases

## Algorithm To Calculate Area of a Square

### Algorithm to Calculate the Area of a Square

**Step 1: Start**

**Step 2: Declare variables side and area**

**Step 3: Read the value of side**

**Step 4: Calculate the area using the formula**

$$\text{area} = \text{side} \times \text{side}$$

**Step 5: Display the calculated area**

**Step 6: Stop**

